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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/696,893 | 10/26/2000 | Fred Cohen | COHE.001US1 | 4568 |

22798 7590 12/03/2004

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.
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EXAMINER

DINH, KHANH Q

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2151

DATE MAILED: 12/03/2004

6

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/696,893

Applicant(s)

COHEN, FRED

Examiner

Khanh Dinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-73 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 1-73 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Election/Restriction

1. Claims 1-73 are presented for examination.
2. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-15 and 29-32, drawn to a method for emulating a network of two or more distinct types of logic systems, classified in class 709, subclass 224.
 - II. Claims 16-21, 33-73, drawn to a method and system for enabling multiple processor processing across physically distributed network and translating an address indication, classified in class 709, subclass 218.
 - III. Claims 22-24, drawn to a method of an emulation wall for connecting an emulation subnetwork to an outside network and detecting response datagrams to be transferred outside network, classified in class 709, subclass 226.
 - IV. Claims 25-28, drawn to a method of countering attacks in a network, classified in class 709, subclass 220.

The inventions are distinct, each from the other because of the following reasons:

3. Inventions I, II, III and IV are related as subcombinations disclosed as usable together in a combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such

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as to a method for emulating a network of two or more distinct types of logic systems, classified in a *different Class/Subclass*. Invention II has separate utility such as a method and system for enabling multiple processor processing across physically distributed network and translating an address indication, classified in a *different Class/Subclass*. Invention III has separate utility such as a method of an emulation wall for connecting an emulation subnetwork to an outside network and detecting response datagrams to be transferred outside network, classified in a *different Class/Subclass*. Invention III has separate utility such as a method of countering attacks in a network, classified in a *different Class/Subclass*.

4. The inventions are distinct, each from the other, because of the following reasons:

(a) These inventions have acquired a separate status in the art as shown by their different classifications.

(b) The search required for each Group is different and not co-extensive for examination purposes.

For example, the searches for the three inventions would not be co-extensive because these Groups would require different searches on PTO's classification class and subclass as following:

the Group I search (claims 1-15 and 29-32) would require use of search **class 709, subclass 224** (not require for the inventions II, III and IV).

the Group II search (claims 16-21, 33-73) would require use of search **class 709, subclass 218** (not require for the inventions I, III and IV).

the Group III search (claims 22-24) would require use of search **class 709, subclass 226** (not require for the inventions I, II and IV) .

the Group IV search (claims 25-28) would require use of search **class 709, subclass 220** (not require for the inventions I, II and III) .

For the reasons given above restriction for examination purposes as indicated is proper.

Conclusion

5.. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (703) 872-9306.

A shortened statutory period for reply is set to expire THIRTY DAYS from the mailing date of this communication. Failure to response within the period for response will cause the application to become abandoned (35 U.S. C . Sect. 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(A).

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305 -9600.



Khanh Dinh
Patent Examiner
Art Unit 2151
November 29, 2004